

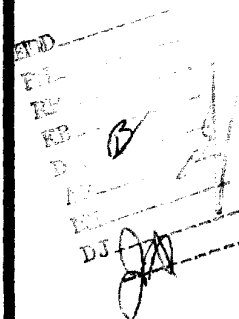
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PHOTOGRAPHIC INTERPRETATION REPORT



**BLACK SHIELD MISSION
BX6710**

20 JULY 1967



NPIC/R-137/67

JULY 1967

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67

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BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF BLACK SHIELD MISSION BX6710, 20 JULY 1967.

THE HEADER LINE FOR EACH TARGET, READING FROM LEFT TO RIGHT, CONTAINS THE TARGET NAME, COUNTRY CODE, GEOGRAPHIC COORDINATES, AND COMOR NUMBER.

PHOTO REFERENCE DATA INCLUDES FRAME NUMBERS AND SYMBOLS DENOTING LIMITING CONDITIONS, PHOTO INTERPRETABILITY, TARGET COVERAGE AND MODE.



25X11

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Highlights

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BLACK SHIELD MSN BX6710, 20 JUL 67

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HIGHLIGHTS

NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE EQUIPMENT OR FACILITIES OBSERVED.

THIS MISSION COVERS A TOTAL OF 80 SA-2 SITES -- 5 ARE OCCUPIED (ONE OF WHICH IS NEWLY IDENTIFIED), 63 ARE UNOCCUPIED (ONE OF WHICH IS NEWLY IDENTIFIED), AND 12 SITES ARE IDENTIFICATION ONLY.

THIS MISSION COVERS 6 MAJOR AIRFIELDS AND PROVIDES ORDER-OF-BATTLE INFORMATION ON 4 OF THESE.

HA NOI IS COVERED ON HAZY, OBLIQUE PHOTOGRAPHY, AND HAI PHONG IS COVERED ON GENERALLY HAZY PHOTOGRAPHY.

TWO NEW OCCUPIED AW/GCI RADAR FACILITIES ARE IDENTIFIED -- ONE IN THE HAI PHONG AREA AND ONE SOUTHWEST OF CAO BANG.

FOUR SHANGHAI-CLASS PTFS ARE OBSERVED FOR THE FIRST TIME AT PEI-LI PORT FACILITIES, HAI-NAN ISLAND, 4 NM SW OF PEI-LI.

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Missiles

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BLACK SHIELD MSN BX6710, 20 JUL 67

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MISSILES

25X1

SSM MISSILE SEARCH

VN

NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE
EQUIPMENT OR FACILITIES OBSERVED.

LAO CAI SAM SEARCH

VN 2229N 10359E

NO NEW SAM SITES OR SAM-ASSOCIATED EQUIPMENT OBSERVED.

25X1



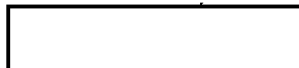
25X1

DIEN BIEN PHU SAM SEARCH

VN 2123N 10301E

SIXTY-NM SEARCH AREA 20 PERCENT CLOUD COVERED. NO SAM
ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1



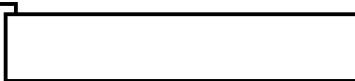
25X1

CAO BANG SAM SEARCH AREA

VN 2240N 10615E

NO NEW SAM SITES OR SAM-ASSOCIATED EQUIPMENT OBSERVED.

25X1



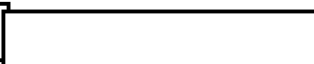
25X1

DONG HOI SAM SEARCH AREA

VN 1728N 10637E

NO NEW SAM SITES OR SAM-ASSOCIATED EQUIPMENT OBSERVED
IN CLOUD-FREE AREAS.

25X1



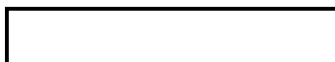
25X1

HUANG-LIU AW RADAR FACILITY

CH 1832N 10845E

OB -- 1 UNIDENTIFIED RADAR.

25X1



25X1

HA NOI SAM SITE A10-2 (14)

VN 2101N 10558E

IDENTIFICATION ONLY.

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BLACK SHIELD MSN BX6710, 20 JUL 67

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25X1

25X1



25X1

HA NOI SAM SITE A19-2 (15)

VN 2055N 10550E

IDENTIFICATION ONLY.

25X1



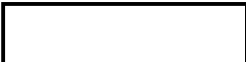
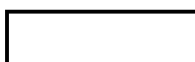
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HA NOI SAM SITE B04-2 (5)

VN 2111N 10559E

SITE IS UNOCCUPIED.

25X1



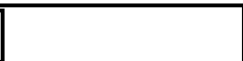
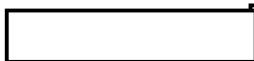
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HA NOI SAM SITE B12-2 (3)

VN 2056N 10604E

SITE IS UNOCCUPIED.

25X1



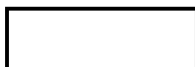
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HA NOI SAM SITE A11-2 (9)

VN 2100N 10555E

IDENTIFICATION ONLY.

25X1



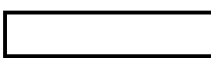
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HA NOI SAM SITE D36-2 (39)

VN 2132N 10547E

SITE IS UNOCCUPIED.

25X1



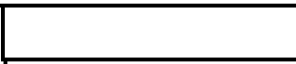
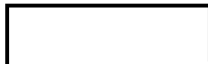
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HA NOI SAM SITE C06-2 (32)

VN 2119N 10615E

SITE IS UNOCCUPIED.

25X1



25X1

HA NOI SAM SITE C07-2 (30)

VN 2116N 10619E

SITE IS UNOCCUPIED.

SECRET

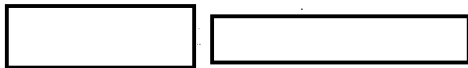
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BLACK SHIELD MSN BX6710, 20 JUL 67

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25X1

25X1



25X1

HAI PHONG SAM SITE A29-2 (21)

VN 2052N 10634E

FOUR UNOCCUPIED REVETTED LAUNCH POSITIONS OBSERVED IN
CLOUD-FREE AREAS. THE CENTRAL GUIDANCE AREA IS
UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE A20-2 (25)

VN 2044N 10639E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (ONE
POSITION OCCUPIED WITH UNIDENTIFIED EQUIPMENT, ONE
POSITION CLOUD COVERED, AND 4 POSITIONS UNOCCUPIED).

25X1



25X1

HAI PHONG SAM SITE A17-2 (34)

VN 2047N 10642E

SITE IS UNOCCUPIED.

25X1



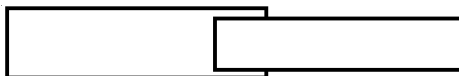
25X1

HAI PHONG SAM SITE A29A-2 (37)

VN 2053N 10631E

SITE IS UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE B33-2 (38)

VN 2107N 10630E

SITE IS UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE C32-2 (58)

VN 2106N 10623E

IDENTIFICATION ONLY.

25X1



25X1

SECRET

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HAI PHONG SAM SITE C32A-2 (59)

VN 2106N 10622E

SITE IS UNOCCUPIED.

25X1



25X1

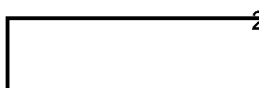
25X1

HAI PHONG SAM SITE B28-2 (60)

VN 2052N 10620E

SITE IS UNOCCUPIED.

25X1



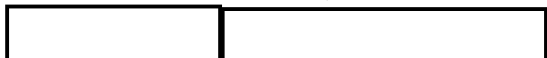
25X1

HAI PHONG SAM SITE B30-2 (61)

VN 2059N 10621E

SITE IS UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE A07-2 (55)

VN 2055N 10650E

SITE IS UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE A23-2 (66)

VN 2045N 10635E

SITE IS UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE A31-2 (70)

VN 2054N 10636E

SITE IS UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE A33-2 (71)

VN 2056N 10636E

SITE IS UNOCCUPIED.

25X1



25X1

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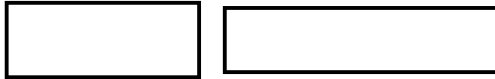
NPIC/R-137/67

HAI PHONG SAM SITE C30-2 (72)

VN 2101N 10619E

SITE IS UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE C28-2 (73)

VN 2053N 10617E

SITE IS UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE A17A-2 (86)

VN 2042N 10644E

SITE IS UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE A33A-2 (93)

VN 2054N 10638E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (4 OCCUPIED BY PROBABLE MISSILES ON LAUNCHERS AND 2 UNOCCUPIED), AND AN OCCUPIED GUIDANCE AREA.

OB -- 4 LAUNCHERS WITH PROBABLE MISSILES AND A GUIDANCE RADAR.

25X1



25X1

HA NOI SAM SITE D03-2 (41)

VN 2128N 10607E

SITE IS UNOCCUPIED.

25X1



25X1

HA NOI SAM SITE D04-2 (33)

VN 2125N 10612E

TWO UNOCCUPIED POSITIONS OBSERVED IN CLOUD-FREE AREAS.

25X1



25X1

25X1

SECRET

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

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25X1

HA NOI SAM SITE A17A-2 (45)

VN 2052N 10554E

IDENTIFICATION ONLY.

25X1



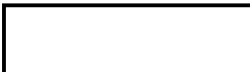
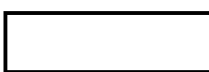
25X1

HA NOI SAM SITE C01-2 (53)

VN 2125N 10551E

SITE IS UNOCCUPIED.

25X1



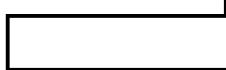
25X1

HA NOI SAM SITE C05-2 (62)

VN 2117N 10605E

SITE IS UNOCCUPIED.

25X1



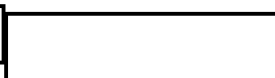
25X1

HA NOI SAM SITE C04-2 (54)

VN 2124N 10611E

SITE IS UNOCCUPIED.

25X1



25X1

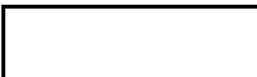
HA NOI SAM SITE C02-2 (56)

VN 2122N 10558E

SITE CONSISTS OF 5 REVETTED LAUNCH POSITIONS (3 OCCUPIED, 1 PROBABLY OCCUPIED) AND AN OCCUPIED REVETTED GUIDANCE AREA.

OB -- 3 LAUNCHERS WITH MISSILES, 1 PROBABLE LAUNCHER, AND A GUIDANCE RADAR.

25X1



25X1

HA NOI SAM SITE C04A-2 (57)

VN 2120N 10608E

SITE IS UNOCCUPIED.

25X1



25X1

SECRET

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

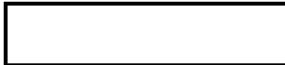
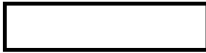
NPIC/R-137/67
25X1

HA NOI SAM SITE C01A-2 (63)

VN 2129N 10554E

AT LEAST 4 REVETMENTS ARE UNOCCUPIED. CLOUDS LIMIT
INTERPRETATION.

25X1



25X1

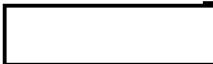
HA NOI SAM SITE B33-2 (64)

VN 2110N 10544E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (3
PROBABLY OCCUPIED AND 3 WITH OCCUPANCY UNDETERMINED)
AND A PROBABLY OCCUPIED GUIDANCE AREA.

OB -- 3 PROBABLE LAUNCHERS AND A PROBABLE GUIDANCE
RADAR.

25X1



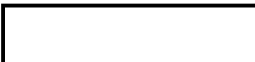
25X1

HA NOI SAM SITE D35-2 (75)

VN 2138N 10537E

SITE IS UNOCCUPIED.

25X1



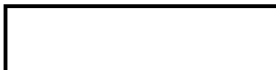
25X1

HA NOI SAM SITE C13-2 (81)

VN 2045N 10613E

SITE IS PROBABLY UNOCCUPIED.

25X1



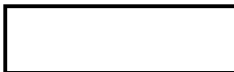
25X1

HA NOI SAM SITE C11-2 (84)

VN 2055N 10615E

IDENTIFICATION ONLY.

25X1



25X1

HA NOI SAM SITE C12-2 (88)

VN 2052N 10611E

SITE IS UNOCCUPIED.

25X1



25X1

SECRET

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

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HA NOI SAM SITE B07-2 (95)

VN 2108N 10609E

SITE IS UNOCCUPIED.

25X1



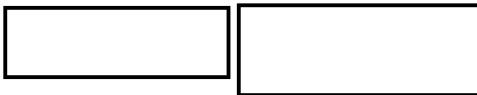
25X1

HA NOI SAM SITE D06-2 (105)

VN 2118N 10621E

SITE IS UNOCCUPIED.

25X1



25X1

BAC CAN SAM SITE C22-2 (76)

VN 2151N 10536E

SITE IS UNOCCUPIED.

25X1



25X1

BAC CAN SAM SITE B20-2 (90)

VN 2151N 10544E

IDENTIFICATION ONLY.

25X1



25X1

BAC CAN SAM SITE C20-2 (96)

VN 2144N 10542E

SITE IS UNOCCUPIED.

25X1



25X1

BAC CAN SAM SITE C19-2 (192)

VN 2138N 10546E

SITE IS UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE D35A-2 (97)

VN 2123N 10634E

SITE IS UNOCCUPIED.

25X1



25X1

SECRET

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

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25X1

HAI PHONG SAM SITE B07-2 (98)

VN 2059N 10700E

SITE IS UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE B34-2 (104)

VN 2104N 10634E

SITE IS PROBABLY UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE A06-2 (135)

VN 2056N 10648E

SITE CONSISTS OF 3 OCCUPIED UNREVIEWED LAUNCH POSITIONS
AND A PROBABLY OCCUPIED GUIDANCE AREA.
OB -- 3 LAUNCHERS WITH PROBABLE MISSILES AND A PROBABLE
GUIDANCE RADAR.

25X1



25X1

HAI PHONG SAM SITE A14-2 (137)

VN 2049N 10643E

SITE IS UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE C21-2 (157)

VN 2024N 10630E

SITE IS UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE B27-2 (209)

VN 2049N 10623E

SITE IS UNOCCUPIED.

25X1



25X1

HA NOI SAM SITE B01-2 (119)

VN 2117N 10553E

SITE IS UNOCCUPIED.

SECRET

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67

25X1

25X1



25X1

HA NOI SAM SITE B01A-2 (124)

VN 2114N 10553E

SITE IS UNOCCUPIED.

25X1



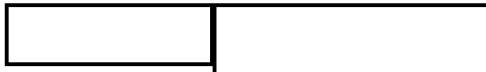
25X1

HA NOI SAM SITE A33-2 (125)

VN 2109N 10546E

IDENTIFICATION ONLY.

25X1



25X1

HA NOI SAM SITE D36A-2 (126)

VN 2135N 10550E

SITE IS UNOCCUPIED.

25X1



25X1

HA NOI SAM SITE C01B-2 (128)

VN 2128N 10552E

SITE IS UNOCCUPIED.

25X1



25X1

HA NOI SAM SITE A01-2 (133)

VN 2107N 10552E

IDENTIFICATION ONLY.

25X1



25X1

HA NOI SAM SITE C03-2 (138)

VN 2121N 10600E

SITE IS UNOCCUPIED.

25X1



25X1

HA NOI SAM SITE C03A-2 (141)

VN 2119N 10602E

SITE IS UNOCCUPIED.

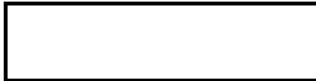
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25X1

BLACK SHIELD MSN BX6710, 20 JUL 67

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25X1

25X1

HA NOI SAM SITE A14-2 (142)

VN 2056N 10558E

IDENTIFICATION ONLY.

25X1



25X1

HA NOI SAM SITE C32-2 (143)

VN 2119N 10531E

SITE IS UNOCCUPIED.

25X1



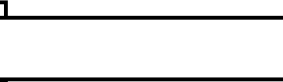
25X1

HA NOI SAM SITE B32-2 (146)

VN 2115N 10535E

SITE IS UNOCCUPIED.

25X1



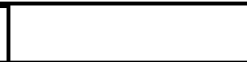
25X1

HA NOI SAM SITE B07A-2 (148)

VN 2109N 10608E

SITE IS UNOCCUPIED.

25X1



25X1

HA NOI SAM SITE B16-2 (162)

VN 2049N 10557E

IDENTIFICATION ONLY.

25X1



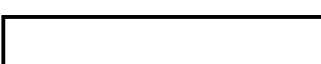
25X1

HA NOI SAM SITE C16-2 (166)

VN 2041N 10605E

IDENTIFICATION ONLY.

25X1



25X1

HA NOI SAM SITE A05-2 (158)

VN 2108N 10558E

SITE IS UNOCCUPIED.

SECRET

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67

25X1



25X1

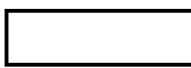
25X1

HA NOI SAM SITE D36B-2 (168)

VN 2134N 10546E

SITE IS UNOCCUPIED.

25X1



25X1

HA NOI SAM SITE C03B-2 (167)

VN 2121N 10600E

SITE IS UNOCCUPIED.

25X1



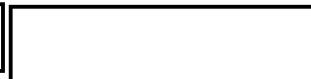
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HA NOI SAM SITE C05B-2 (171)

VN 2122N 10615E

SITE IS UNOCCUPIED.

25X1



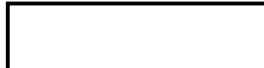
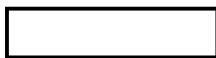
25X1

HA NOI SAM SITE B13-2 (184)

VN 2050N 10605E

SITE IS UNOCCUPIED.

25X1



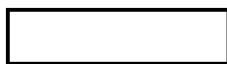
25X1

HA NOI SAM SITE B04A-2 (186)

VN 2118N 10602E

SITE IS UNOCCUPIED.

25X1



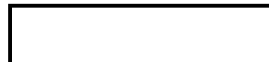
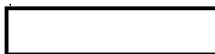
25X1

HA NOI POSS SAM SITE (199)

VN 2134N 10600E

SITE IS UNOCCUPIED.

25X1



25X1

HA NOI POSS SAM SITE (200)

VN 2134N 10600E

SITE IS UNOCCUPIED.

SECRET

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67

25X1

25X1



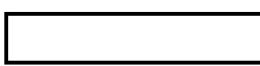
25X1

HA NOI SAM SITE (205)

VN 2128N 10555E

SITE IS UNOCCUPIED.

25X1



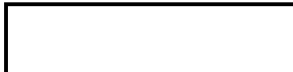
25X1

VINH LINH SAM SITE A25-2 (177)

VN 1701N 10655E

SITE IS UNOCCUPIED.

25X1



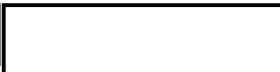
25X1

VINH LINH SAM SITE A26-2 (187)

VN 1701N 10654E

SITE IS UNOCCUPIED.

25X1



25X1

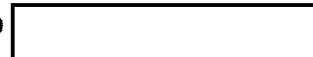
HA NOI PROB SA-2 MISSILE EQPT TRNG AREA

VN 2127N 10555E

NO APPARENT CHANGE SINCE BLACK SHIELD



25X1



25X1



25X1

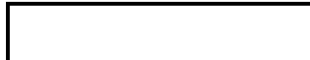
25X1

YU-LIN COASTAL DEFENSE AND RADAR SITE

CH 1811N 10929E

IDENTIFICATION ONLY.

25X1



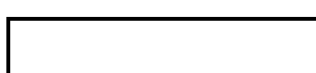
25X1

YAI-CHENG PROBABLE RADAR SITE

CH 1818N 10910E

IDENTIFICATION ONLY.

25X1



25X1

SECRET

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67

VINH LINH SAM SITE A28-2 (214)

VN 1703N 10653E NO COMOR

SITE IS UNOCCUPIED.

25X1



25X1

HAI PHONG SAM SITE (219) (NEW)

VN 2054N 10635E NO COMOR

NEWLY IDENTIFIED SITE LOCATED 6.2 NM NW OF HAI PHONG AT UTM XJ653126 CONSISTS OF 3 OCCUPIED UNREVIEWED LAUNCH POSITIONS AND AN OCCUPIED GUIDANCE AREA. OB -- 3 LAUNCHERS WITH PROBABLE MISSILES AND A GUIDANCE RADAR.

25X1



25X1

HAI PHONG SAM SITE (220) (NEW)

VN 2049N 10643E NO COMOR

NEWLY IDENTIFIED SITE LOCATED AT THE HAIPHONG/CAT BI AIRFIELD, 2.8 NM SE OF HAI PHONG AT UTM XJ788030. SITE CONSISTS OF 3 UNOCCUPIED, UNREVIEWED LAUNCH POSITIONS AND AN UNOCCUPIED, REVIEWED GUIDANCE AREA. SITE IS SIMILAR IN CONFIGURATION TO SITE NO 137 AND CAN BE NEGATED ON BLACK SHIELD



25X1



25X1

25X1



25X1

SECRET

Air Facilities

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67

AIR FACILITIES

25X1

LING-SHUI AIRFIELD

CH 1829N 10959E

IDENTIFICATION ONLY.

25X1

25X1

HAIPHONG/CAT BI AIRFIELD

VN 2049N 10643E

OB -- NONE OBSERVED.

25X1

25X1

HAIPHONG/KIEN AN AIRFIELD

VN 2048N 10636E

OB -- NONE OBSERVED IN CLOUD-FREE AREAS.

25X1

25X1

HANOI/GIA LAM AIRFIELD

VN 2102N 10553E

IDENTIFICATION ONLY.

25X1

25X1

PHUC YEN AIRFIELD

VN 2113N 10548E

OB -- 4 PROBABLE FISHBED, 7 PROBABLE FAGOT/FRESCO, 15 UNIDENTIFIED SWEEP-WING, AND 1 SMALL UNIDENTIFIED AIRCRAFT. POOR QUALITY PRECLUDES FURTHER INTERPRETATION.

25X1

25X1

LANG SON AIRFIELD

VN 2150N 10646E

25X1

NO APPARENT CHANGE

OB -- 7 COLT.

25X1

25X1

25X1

SECRET

SECRET

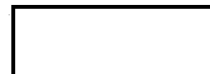
BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67
25X1

KEP AIRFIELD

VN 2124N 10616E

OB -- 2 FAGOT/FRESCO AND 3 DAMAGED FAGOT/FRESCO.



25X1



25X1

20

SECRET

**Naval
Activity/
Ports**

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67

NAVAL ACTIVITY/PORTS

25X1

YU-LIN NAVAL BASE AND PORT

CH 1813N 10931E

IDENTIFICATION ONLY.

25X1



25X1

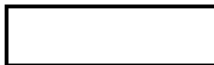
HAI PHONG PORT FACILITIES

VN 2052N 10642E

POOR QUALITY AND HAZE PRECLUDE INTERPRETATION OF PORT FACILITIES.

VESSELS -- 6 GENERAL CARGO FREIGHTERS AND 2 LARGE-HATCH FREIGHTERS.

25X1



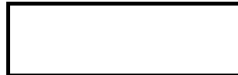
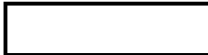
25X1

CAM PHA PORT FACILITIES

VN 2102N 10722E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED. VESSELS -- 1 SMALL-HATCH FREIGHTER, 8 BARGES, AND 2 SMALL CRAFT MOORED AT COALING QUAY.

25X1



25X1

HON GAI PORT FACILITIES

VN 2057N 10705E

NO VESSELS OBSERVED IN CLOUD-FREE AREAS. NO NEW CONSTRUCTION OR CHANGES OBSERVED.

25X1



25X1

PAI-MA-CHING PORT FACILITIES

CH 1943N 10913E

NE EDGE OF PAI-MA-CHING IN HSIN-YING CHIANG. FACILITIES CONSIST OF 2 PIERS, 1 QUAY, AND NUMEROUS SUPPORT BUILDINGS. OBLIQUITY LIMITS INTERPRETATION.

25X1



25X1

SECRET

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67
25X1

PEI-LI PORT FACILITIES

CH 1906N 10837E



NO APPARENT CHANGE IN FACILITIES SINCE BLACK SHIELD

25X1



OB -- 4 SHANGHAI-CLASS PTF AND 3 SMALL CRAFT.

25X1



25X1

SECRET

**Electronics/
Communications**

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67

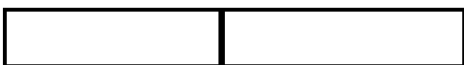
ELECTRONICS/COMMUNICATIONS

HAI PHONG AW/GCI RADAR FACILITY

VN 2045N 10641E NO COMOR

6.4 NM SOUTH OF HAI PHONG.
NEWLY IDENTIFIED FACILITY CONSISTS OF A TOKEN-TYPE
RADAR, A PROBABLE HEIGHTFINDER, AND AT LEAST 6
UNIDENTIFIED VEHICLES. A REVETTED POSSIBLE FLAT FACE
RADAR AND A SINGLE-AXLE GENERATOR ARE LOCATED AT UTM
XH761964. 25X1

25X1



NGAN-SON AW/GCI RADAR FACILITY

VN 2225N 10557E NO COMOR

2.9 NM WEST OF NGAN-SON.
NEWLY IDENTIFIED FACILITY CONSISTS OF A TOKEN-TYPE
RADAR (PROBABLE BIG BAR), 2 REVETTED VAN TRAILERS, 1
REVVETTED VAN TRUCK, AND 1 UNIDENTIFIED VEHICLE.
SUPPORT FACILITIES INCLUDE 4 SUPPORT BUILDINGS AND 3
UNDERGROUND ENTRANCES.

25X1



25X1

SECRET

**Military
Activity**

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67

MILITARY ACTIVITY

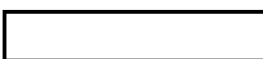
25X1

PING-HSIANG AMMUNITION DEPOT

CH 2208N 10645E

1.6 NM NNE OF PING-HSIANG.
ROAD-SERVED AREA CONSISTS OF 7 DISPERSED STORAGE
BUILDINGS AND 1 SUPPORT BUILDING.

25X1



25X1

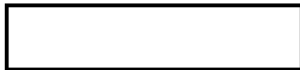
PING-HSIANG ARMY DEPOT

CH 2205N 10645E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

OB -- APPROXIMATELY 50 PROBABLE TRUCKS.

25X1



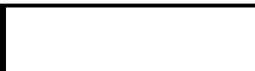
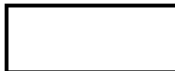
25X1

HA GIANG MILITARY AREA

VN 2249N 10459E

ON SE EDGE OF HA GIANG.
THREE BARRACKS AREAS ON EAST SIDE OF CLAIRE RIVER
CONTAIN A TOTAL OF 20 BARRACKS, 3 ADMINISTRATION
BUILDINGS, AND AT LEAST 12 SUPPORT BUILDINGS. NUMEROUS
FOXHOLES AND TRENCH SYSTEMS ARE IN EACH AREA.

25X1



25X1

HO-KOU ARMY BARRACKS NORTH

CH 2232N 10357E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED. NO EVIDENCE
OF TRAINING AREAS, TROOP ACTIVITY, OR SUPPLY BUILDUP.

OB -- AT LEAST 10 UNIDENTIFIED VEHICLES.

25X1



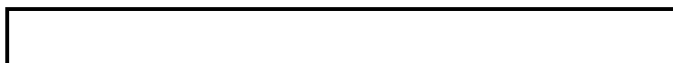
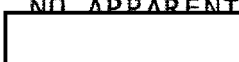
25X1

LANG SON ARMY BARRACKS

VN 2150N 10645E

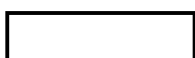
NO APPARENT CHANGE

25X1



25X1

25X1



25X1

SECRET

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67
25X1

LOC BINH ARMY SUPPLY DEPOT

VN 2145N 10656E

1.3 NM SSE OF LOC BINH.
STORAGE AREA CONTAINS 2 ADMINISTRATION BUILDINGS, AND
20 STORAGE/SUPPORT BUILDINGS. NO NEW CONSTRUCTION
ACTIVITY OBSERVED. NO VEHICLES, WEAPONS, OR EQUIPMENT
OBSERVED. 25X1

25X1

THAI NGUYEN ARMY SUPPLY DEPOT NORTH

VN 2138N 10551E

NO APPARENT CHANGE

25X1

25X1

25X1

C F T ST

BAC CAN ARMY BKS AND SUPPLY DEPOT 25X1

VN 2208N 10550E

NO APPARENT CHANGE

25X1

25X1

25X1

TSA-TI-PAO ROAD

CH 2302N 10341E

NO NEW ROADS, ROAD IMPROVEMENTS, TRAILS, CONSTRUCTION,
VEHICLES OR PIECES OF EQUIPMENT OBSERVED.

25X1

25X1

KEP/THAI NGUYEN RAILROAD

VN 2130N 10607E

ENTIRE SEGMENT COVERED FROM 2124N 10616E TO 2136N
10550E. SEGMENT IS INTERDICTIONED AT 2133N 10601E.
APPROXIMATELY 200 PIECES OF ROLLING STOCK AND 11
DAMAGED CARS OBSERVED. 25X1

25X1

HA NOI/LAO CAI RR SEGMENT 1

VN 2220N 10410E

ENTIRE RAIL SEGMENT COVERED FROM 2229N 10352E TO 2210N
10421E. SEGMENT APPEARS TO BE SERVICEABLE.

SECRET

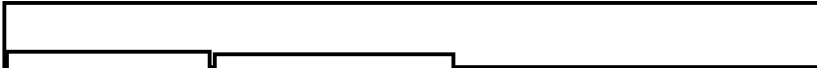
SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67

THIRTY-FOUR RAIL CARS OBSERVED.

25X1



25X1



25X1

25X1

HA NOI/PING-HSIANG RR SEGMENT 2

VN 2132N 10627E

ENTIRE RAIL SEGMENT IS COVERED FROM 2142N 10640E TO 2122N 10615E. HAZE AND OBLIQUITY PRECLUDE DETERMINATION OF SERVICEABILITY. APPROXIMATELY 10 LOCOMOTIVES AND 130 CARS OBSERVED.

25X1



25X1

HA NOI/PING-HSIANG RR SEGMENT 1

VN 2145N 10644E

ENTIRE RAIL SEGMENT COVERED FROM 2158N 10643E TO 2142N 10640E. RAIL SEGMENT APPEARS TO BE OPERATIONAL. SEVEN LOCOMOTIVES AND 341 PIECES OF ROLLING STOCK OBSERVED.

25X1



25X1

HA NOI/PING-HSIANG RR SEGMENT 3

VN 2110N 10604E

ENTIRE SEGMENT COVERED FROM 2122N 10615E TO 2101N 10551E. HAZE AND OBLIQUITY PRECLUDE DETERMINATION OF SERVICEABILITY. APPROXIMATELY 10 LOCOMOTIVES AND 100 CARS OBSERVED.

25X1



25X1

PING-HSIANG/HA NOI RR SEGMENT 4

CH 2202N 10643E

ENTIRE SEGMENT IS OPERATIONAL FROM PING-HSIANG, CHINA TO DONG DANG, NORTH VIETNAM. NO RAIL TRAFFIC OBSERVED.

25X1



25X1

PING-HSIANG PROBABLE POL STORAGE

CH 2207N 10650E

NO COMOR

4 NM EAST OF PING-HSIANG. ROAD AND RAIL SERVED AREA CONTAINS A RAIL SPUR APPROXIMATELY 1 NM LONG EXTENDING GENERALLY NE FROM A SMALL 4-TRACK CLASSIFICATION YARD AND TERMINATING AT A

SECRET

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67

2-TRACK RAILHEAD. APPROXIMATELY 100 BUILDINGS ARE IN THE VICINITY. APPROXIMATELY 25 PROBABLE TRUCKS AND AT LEAST 20 POSSIBLE VEHICLES OBSERVED.

25X1



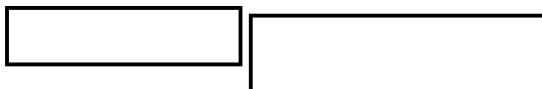
25X1

TRUCK CONVOY

VN 2227N 10357E NO COMOR

A CONVOY OF 12 CARGO TRUCKS OBSERVED AT UTM UK932835 EASTBOUND ON ROUTE 4 TOWARD LAO CAI.

25X1



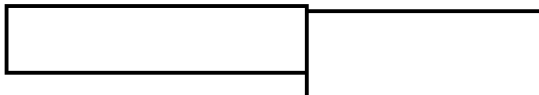
25X1

DONG DANG MIL STORAGE AREA

VN 2200N 10640E NO COMOR

2 NM NNW OF DONG DANG.
THREE OPEN STORAGE AREAS CONTAIN A TOTAL OF 30 STORAGE/SUPPORT BUILDINGS. A LARGE NET/CANVAS-COVERED VEHICLE PARKING AREA, AND 22 HORIZONTAL POL TANKS OBSERVED.
OB -- 111 TRUCKS AND 7 PROBABLE UTILITY TRUCKS PARKED IN OPEN AREAS.

25X1



25X1

SECRET

Complexes

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67

COMPLEXES

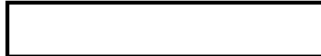
25X1

PING-HSIANG COMPLEX

CH 2206N 10645E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED. ONE-HUNDRED EIGHTY-THREE TRUCKS, 95 UNIDENTIFIED VEHICLES, AND APPROXIMATELY 100 VEHICLES/PIECES OF EQUIPMENT OBSERVED. TWELVE TRUCKS OBSERVED ON ROADS WITHIN THE COMPLEX. APPROXIMATELY 250 PIECES OF ROLLING STOCK OBSERVED IN THE RAILYARD. HEAVY CLOUDS LIMIT INTERPRETATION.

25X1



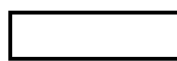
25X1

DONG DANG RAILROAD YARD

VN 2156N 10641E

APPROXIMATELY 95 PIECES OF ROLLING STOCK AND 7 TRUCKS OBSERVED. 25X1

25X1

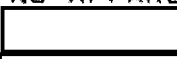


BAC GIANG COMPLEX

VN 2116N 10611E

NO APPARENT CHANGE

25X1

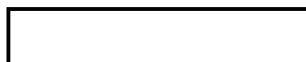


25X1



25X1

25X1

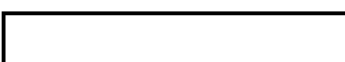
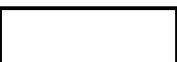


CAO BANG MILITARY COMPLEX

VN 2240N 10615E

IDENTIFICATION ONLY.

25X1



25X1

LAI CHAU COMPLEX

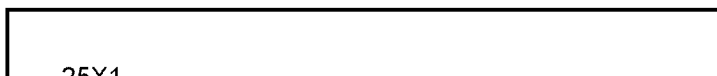
VN 2203N 10309E

NO APPARENT CHANGE

25X1

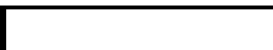
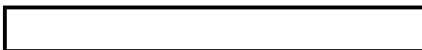


25X1



25X1

25X1

**SECRET**

SECRET

BLACK SHIELD MSN BX6710, 20 JUL 67

NPIC/R-137/67
25X1

LANG SON COMPLEX

VN 2151N 10645E

25X1

NO APPARENT CHANGE

25X1

25X1

25X1

TIEN YEN COMPLEX

VN 2119N 10724E

25X1

NO NEW OR UNUSUAL ACTIVITY OBSERVED.

25X1

DIEN BIEN PHU COMPLEX

VN 2122N 10301E

25X1

NO APPARENT CHANGE

25X1

25X1

25X1

KEP RAILROAD YARD

VN 2122N 10635E

25X1

HEAVY BOMB DAMAGE TO RAILYARD OBSERVED. HAZE AND
SCATTERED CLOUDS PRECLUDE DETERMINATION OF
SERVICEABILITY. APPROXIMATELY 7 LOCOMOTIVES AND 80
CARS OBSERVED.

25X1

LAO CAI COMPLEX

VN 2230N 10358E

25X1

NO NEW CONSTRUCTION, CHANGES IN INDUSTRIAL FACILITIES,
OR INDICATIONS OF TROOP/SUPPLY BUILDUP OBSERVED.

25X1

HAI PHONG RR STATION CLASS YD & SHOPS

VN 2051N 10641E

25X1

RAIL COMPLEX CONTAINS APPROXIMATELY 130 PIECES OF
ROLLING STOCK. HEAVY CLOUDS AND HAZE PRECLUDE DETAILED
ANALYSIS. 25X1

SECRET

Attachments

SECRET

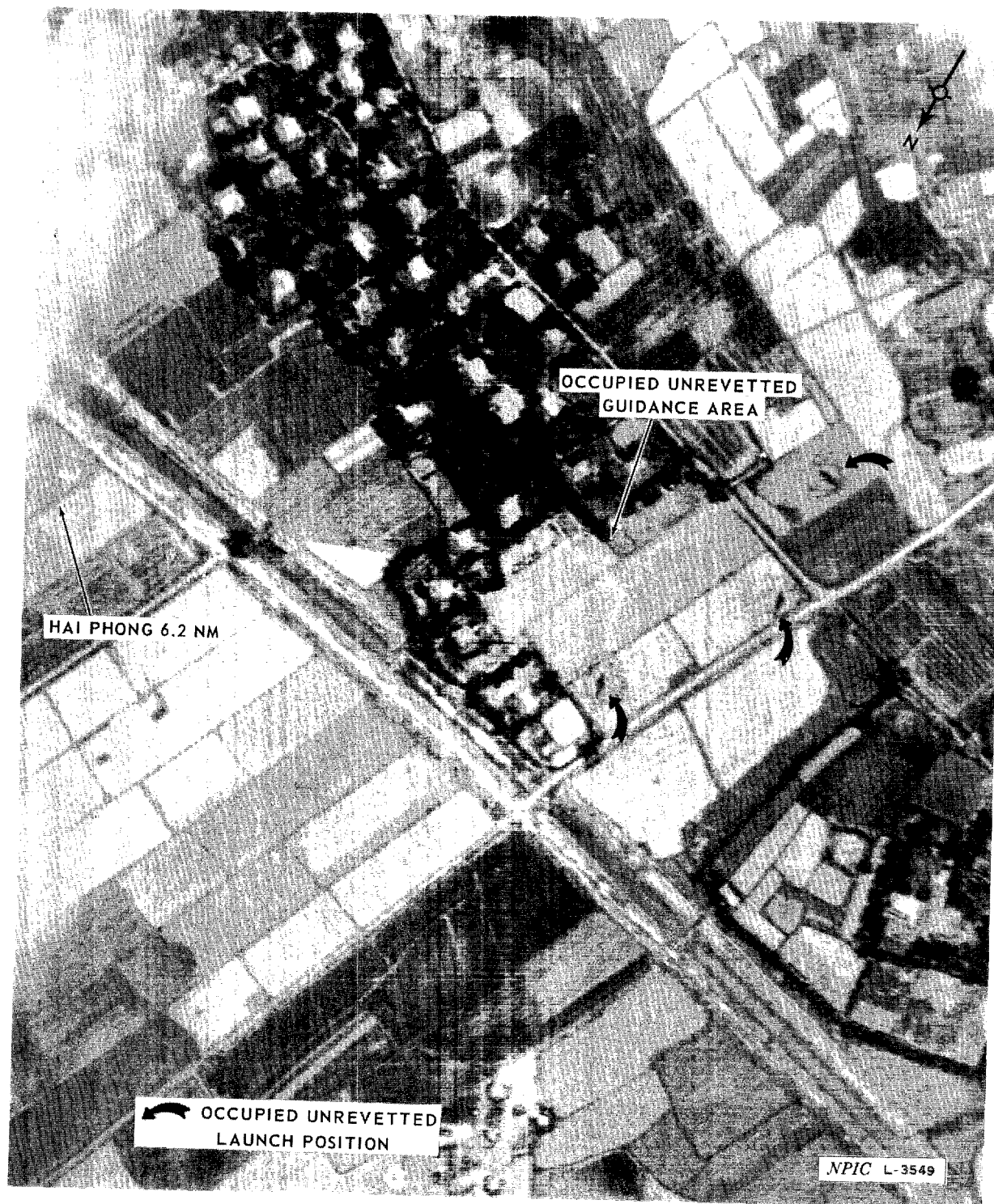


HAI PHONG SAM SITE 220, NORTH VIETNAM.

SECRET

SECRET

NPIC/R-137/67



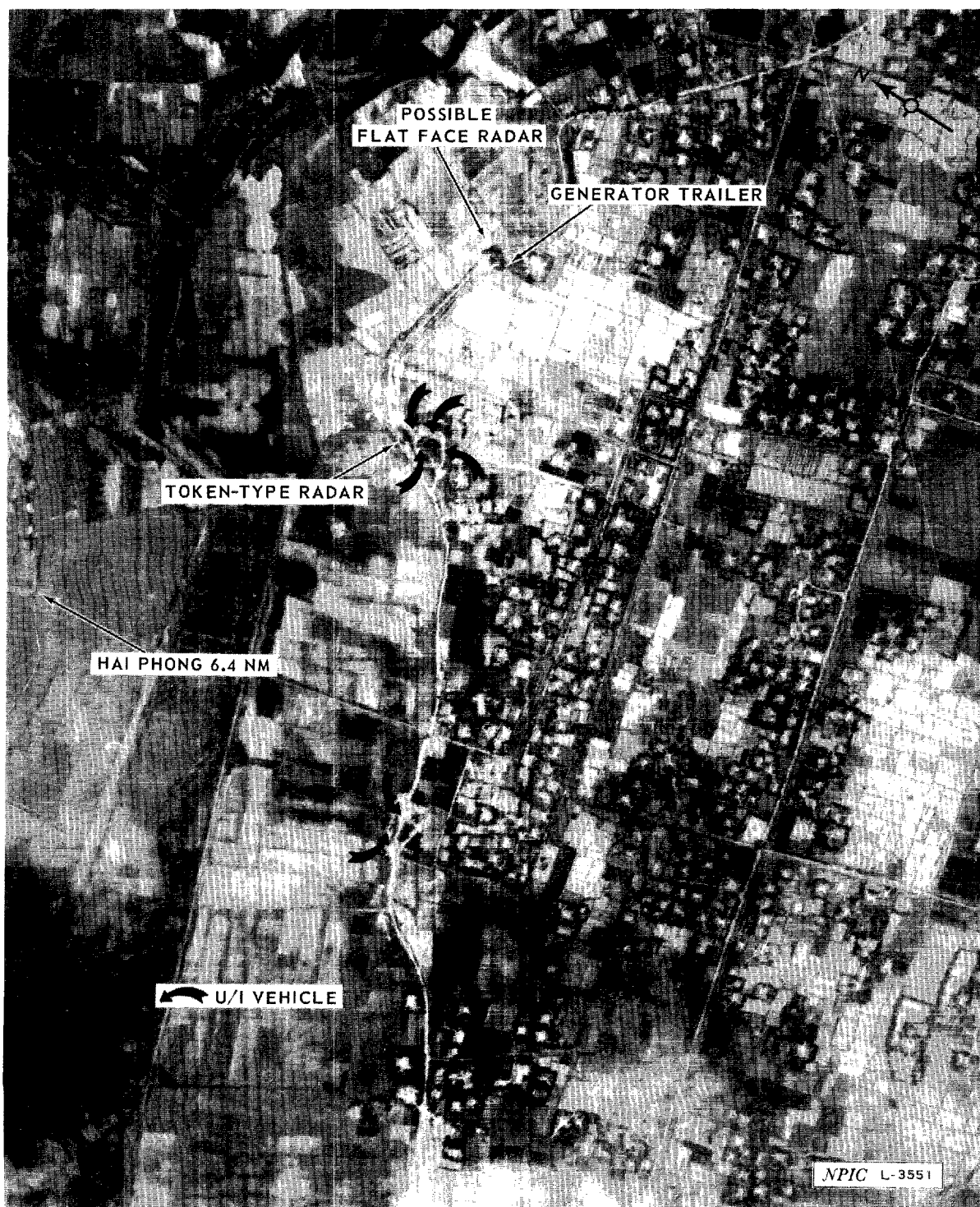
HAI PHONG SAM SITE 219, NORTH VIETNAM.

SECRET



PEI-LI PORT FACILITIES, CHINA.

SECRET

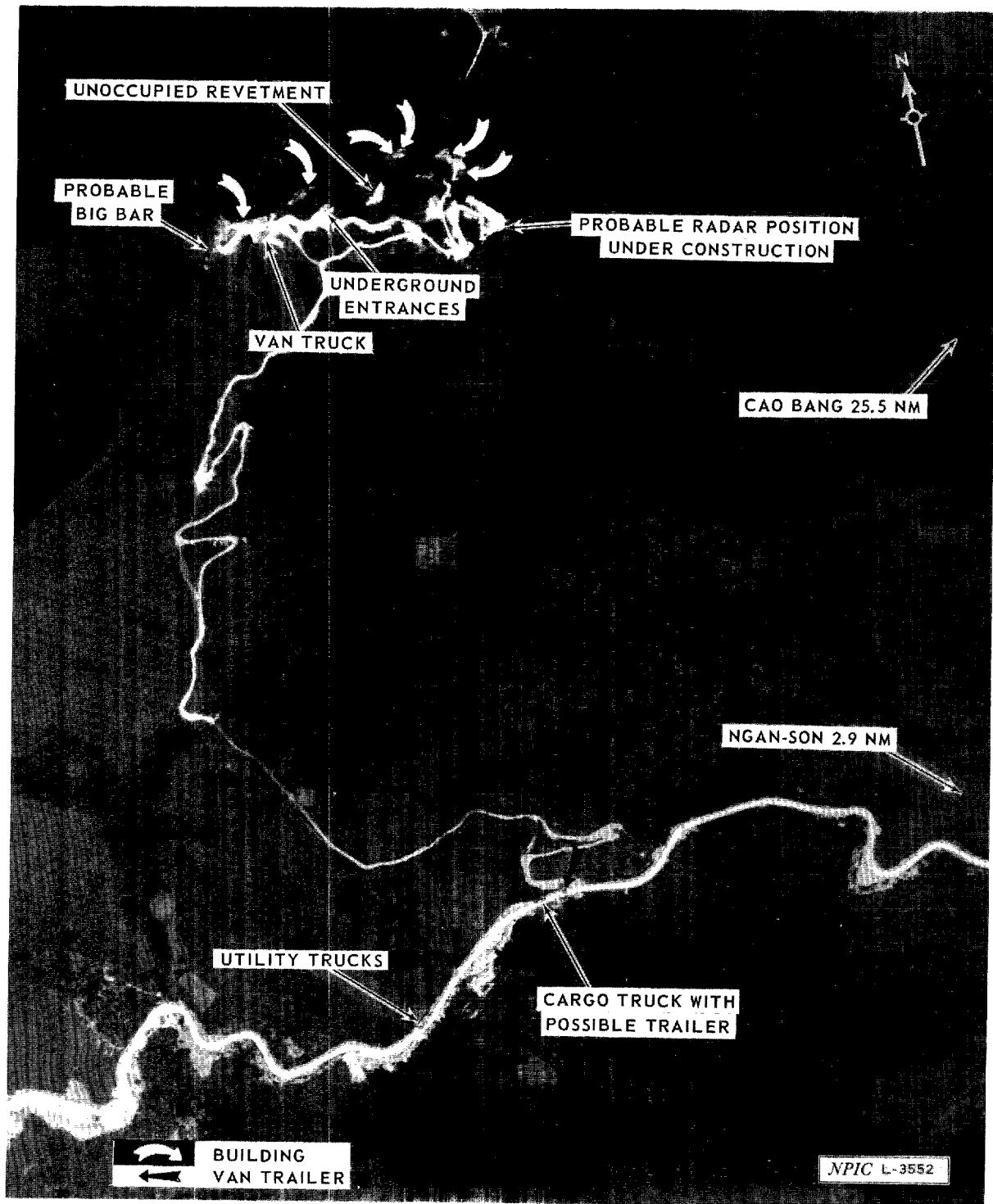


HAI PHONG AW/GCI RADAR FACILITY, NORTH VIETNAM.

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NPIC/R-137/67



NGAN-SON AW/GCI RADAR FACILITY, NORTH VIETNAM.

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